

Supplementary Table 1 Table showing the search terms used in each database for CT compared against staging laparoscopy (CT *vs* Staging Laparoscopy)

Database	Modality	Search Terms
PubMed	CT	((stomach neoplasms[MeSH Terms]) OR "Cancer of Stomach" OR "Gastric Cancer" OR "Stomach cancer") AND ((peritoneal neoplasms[MeSH Terms]) OR "Peritoneal Carcinomatosis" OR "peritoneal metastases" OR "peritoneal metastasis" OR "Peritoneal Surface Malignancy") AND (((laparoscopy[MeSH Terms]) OR "staging laparoscopy" OR "laparoscopic procedure" OR "laparoscopic surgery") AND ((Tomography, X-Ray Computed[MeSH Terms]) OR "CT scan" OR "computed tomography" OR "CT"))
Embase	CT	(stomach tumor/co, di, dm, su [Complication, Diagnosis, Disease Management, Surgery] OR ("stomach cancer" or "cancer of stomach" or "gastric cancer").mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word]) AND (carcinomatous peritonitis/co, di, dm, su [Complication, Diagnosis, Disease Management, Surgery] OR ("peritoneal carcinomatosis" or "peritoneal surface malignancy").mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word]) AND (laparoscopy/) OR ("laparoscopic surgery" or "laparoscopic procedure" or "staging laparoscopy").mp. [mp=title, abstract, heading word, drug trade name, original title, device

manufacturer, drug manufacturer, device trade name,
keyword heading word, floating subheading word,
candidate term word]) AND

(x-ray computed tomography/) OR ("CT scan" or "ct" or
"computed tomography").mp. [mp=title, abstract, heading
word, drug trade name, original title, device manufacturer,
drug manufacturer, device trade name, keyword heading
word, floating subheading word, candidate term word])

Cochrane CT

(MeSH descriptor: [Stomach Neoplasms] explode all trees
OR "stomach cancer" OR "cancer of stomach" OR "gastric
cancer") AND

(MeSH descriptor: [Peritoneal Neoplasms] explode all trees
OR "peritoneal carcinomatosis" OR "peritoneal surface
malignancy" OR "carcinomatous peritonitis" OR "peritoneal
metastases" OR "peritoneal metastasis") AND

(MeSH descriptor: [Laparoscopy] explode all trees OR
"laparoscopic surgery" OR "laparoscopic procedure" OR
"staging laparoscopy") AND

(MeSH descriptor: [Tomography Scanners, X-Ray Computed]
explode all trees OR "CT scan" OR "CT" OR "computed
tomography")

Web of CT
Science

ALL=("stomach neoplasms" OR "Cancer of Stomach" OR
"Gastric Cancer" OR "Stomach cancer") AND ("peritoneal
neoplasms" OR "Peritoneal Carcinomatosis" OR "peritoneal
metastases" OR "peritoneal metastasis" OR "Peritoneal
Surface Malignancy") AND ("laparoscopy" OR "staging
laparoscopy" OR "laparoscopic procedure" OR "laparoscopic

surgery") AND ("CT scan" OR "computed tomography" OR
"CT")

Supplementary Table 2 Table showing the search terms used in each database for PET and MRI compared against CT (CT *vs* PET or MRI)

Modality	Database	Search Terms
PET	PubMed	((stomach neoplasms[MeSH Terms]) OR "Cancer of Stomach" OR "Gastric Cancer" OR "Stomach cancer") AND ((peritoneal neoplasms[MeSH Terms]) OR "Peritoneal Carcinomatosis" OR "peritoneal metastases" OR "peritoneal metastasis" OR "Peritoneal Surface Malignancy") AND ((positron emission tomography[MeSH Terms]) OR (Positron Emission Tomography Computed Tomography[MeSH Terms]) OR (Tomography, Emission-Computed[MeSH Terms]) OR (Tomography, Emission-Computed, Single-Photon[MeSH Terms]) OR "PET scan" OR "positron emission tomography" OR "PET" OR "F-fluorodeoxyglucose PET" OR "18F-FDG PET") AND ((Tomography, X-Ray Computed[MeSH Terms]) OR "CT scan" OR "computed tomography" OR "CT")
	Embase	(stomach tumor/co, di, dm, su [Complication, Diagnosis, Disease Management, Surgery] OR ("stomach cancer" or "cancer of stomach" or "gastric cancer").mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word]) AND (carcinomatous peritonitis/co, di, dm, su [Complication, Diagnosis, Disease Management, Surgery] OR ("peritoneal carcinomatosis" or "peritoneal surface malignancy").mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word]) AND

(positron emission tomography/dc, di [Device Comparison, Diagnosis] OR "PET scan" or "PET" or "18F-FDG PET" or "F-fluorodeoxyglucose PET").mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word])
AND

(x-ray computed tomography/) OR "CT scan" or "ct" or "computed tomography").mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word])

Cochrane (MeSH descriptor: [Stomach Neoplasms] explode all trees OR "stomach cancer" OR "cancer of stomach" OR "gastric cancer") AND

(MeSH descriptor: [Peritoneal Neoplasms] explode all trees OR "peritoneal carcinomatosis" OR "peritoneal surface malignancy" OR "carcinomatous peritonitis" OR "peritoneal metastases" OR "peritoneal metastasis") AND

(MeSH descriptor: [Positron-Emission Tomography] explode all trees OR "PET" OR "PET scan" OR "positron emission tomography" OR "18-FDG PET" OR "F-fluorodeoxyglucose PET") AND

(MeSH descriptor: [Tomography Scanners, X-Ray Computed] explode all trees OR "CT scan" OR "CT" OR "computed tomography")

Web of Science	ALL=(("stomach neoplasms" OR "Cancer of Stomach" OR "Gastric Cancer" OR "Stomach cancer") AND ("peritoneal neoplasms" OR "Peritoneal Carcinomatosis" OR "peritoneal metastases" OR "peritoneal metastasis" OR "Peritoneal Surface Malignancy") AND ("PET scan" OR "PET" OR "Positron Emission Tomography" OR "F-fluorodeoxyglucose PET" OR "18F-FDG PET") AND ("CT scan" OR "computed tomography" OR "CT"))
MRI	PubMed ((stomach neoplasms[MeSH Terms]) OR "Cancer of Stomach" OR "Gastric Cancer" OR "Stomach cancer") AND ((peritoneal neoplasms[MeSH Terms]) OR "Peritoneal Carcinomatosis" OR "peritoneal metastases" OR "peritoneal metastasis" OR "Peritoneal Surface Malignancy") AND ((Diffusion Magnetic Resonance Imaging[MeSH Terms]) OR (Multiparametric Magnetic Resonance Imaging[MeSH Terms]) OR (Echo-Planar Imaging[MeSH Terms]) OR (Fluorine-19 Magnetic Resonance Imaging[MeSH Terms]) OR "MRI" OR "MRI scan" OR "magnetic resonance imaging") AND ((Tomography, X-Ray Computed[MeSH Terms]) OR "CT scan" OR "computed tomography" OR "CT")
Embase	(stomach tumor/co, di, dm, su [Complication, Diagnosis, Disease Management, Surgery]) OR ("stomach cancer" or "cancer of stomach" or "gastric cancer").mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word]) AND (carcinomatous peritonitis/co, di, dm, su [Complication, Diagnosis, Disease Management, Surgery]) OR ("peritoneal carcinomatosis" or "peritoneal surface malignancy").mp.

[mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word]) AND

(nuclear magnetic resonance imaging/dc, di, ep, su [Device Comparison, Diagnosis, Epidemiology, Surgery]) OR ("MRI" or "MRI scan" or "magnetic resonance imaging").mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word]) AND

(x-ray computed tomography/) OR ("CT scan" or "ct" or "computed tomography").mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word])

Cochrane (MeSH descriptor: [Stomach Neoplasms] explode all trees OR "stomach cancer" OR "cancer of stomach" OR "gastric cancer") AND

(MeSH descriptor: [Peritoneal Neoplasms] explode all trees OR "peritoneal carcinomatosis" OR "peritoneal surface malignancy" OR "carcinomatous peritonitis" OR "peritoneal metastases" OR "peritoneal metastasis") AND

(MeSH descriptor: [Magnetic Resonance Imaging] explode all trees OR "MRI" OR "MRI scan" OR "magnetic resonance imaging") AND

(MeSH descriptor: [Tomography Scanners, X-Ray Computed] explode all trees OR "CT scan" OR "CT" OR "computed tomography")

Web of Science ALL=("stomach neoplasms" OR "Cancer of Stomach" OR "Gastric Cancer" OR "Stomach cancer") AND ("peritoneal neoplasms" OR "Peritoneal Carcinomatosis" OR "peritoneal metastases" OR "peritoneal metastasis" OR "Peritoneal Surface Malignancy") AND ("MRI scan" OR "MRI" OR "magnetic resonance imaging") AND ("CT scan" OR "computed tomography" OR "CT"))
